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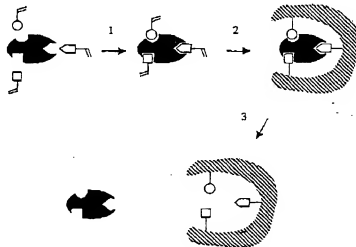
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(54) Title: **MOLECULARLY IMPRINTED MICROSPHERES PREPARED USING PRECIPITATION POLYMERISATION**

(57) Abstract

Molecularly imprinted microspheres comprising specific binding site are described. These microspheres can be obtained by a method comprising polymerising functional monomers and crosslinkers in a reaction solvent in the presence of print molecules as templates in a surfactant-free precipitation polymerisation process. The print molecules used are capable of forming non-covalent, reversible covalent or semi-covalent interactions with said functional monomers. There is also disclosed the use of said microspheres in different applications.



*Schematic representation of the molecular imprinting process.*  
*(1) Pre-assembly (2) Polymerization (3) Extraction/cleavage*